

Fig. 1

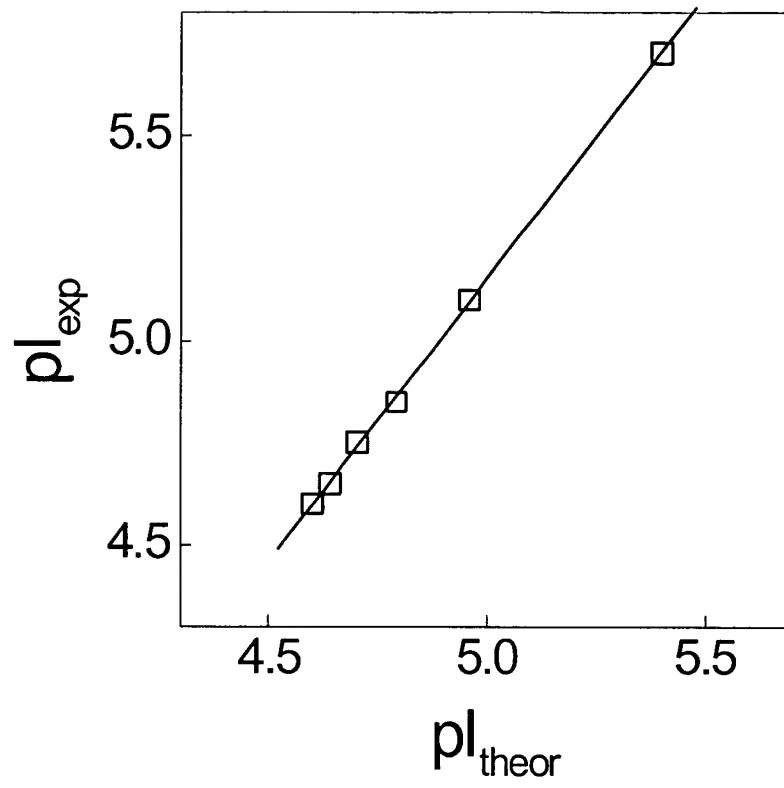


Fig. 2

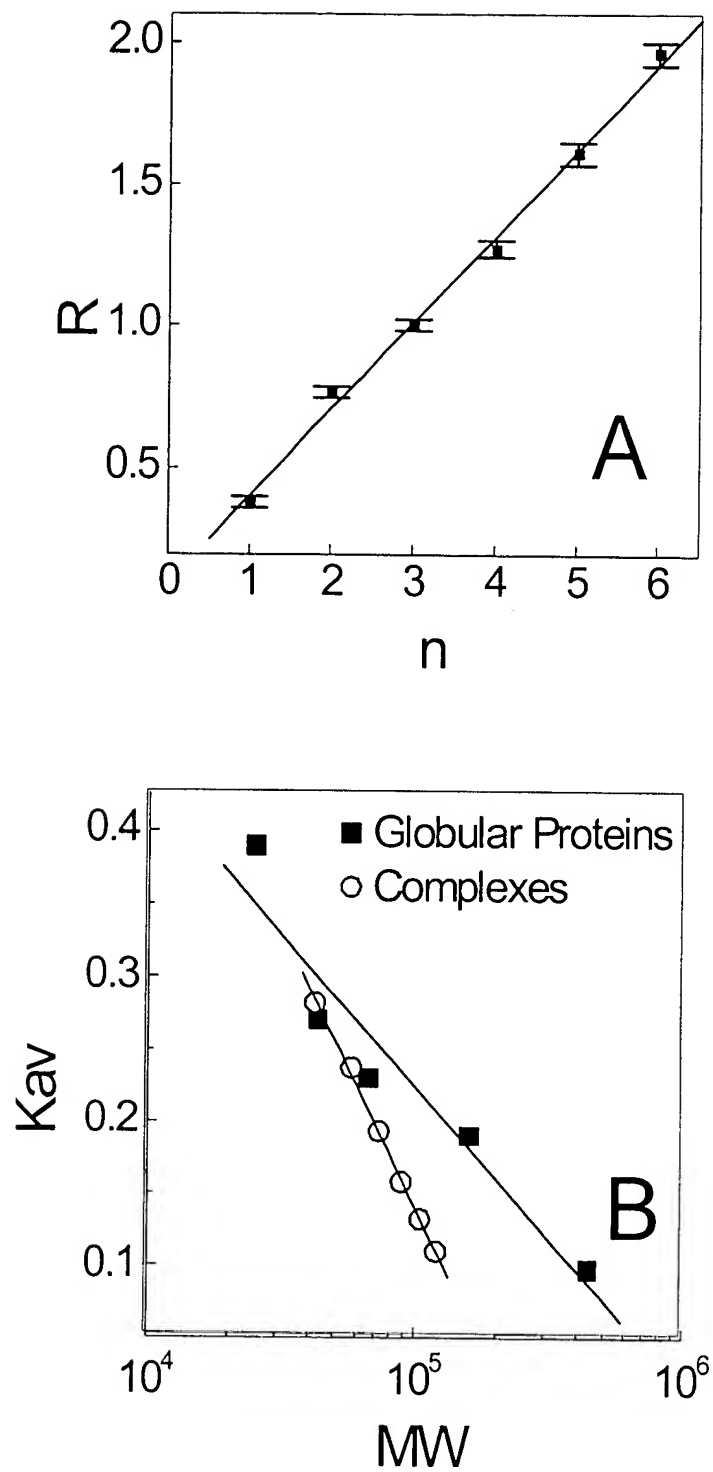


Fig. 3

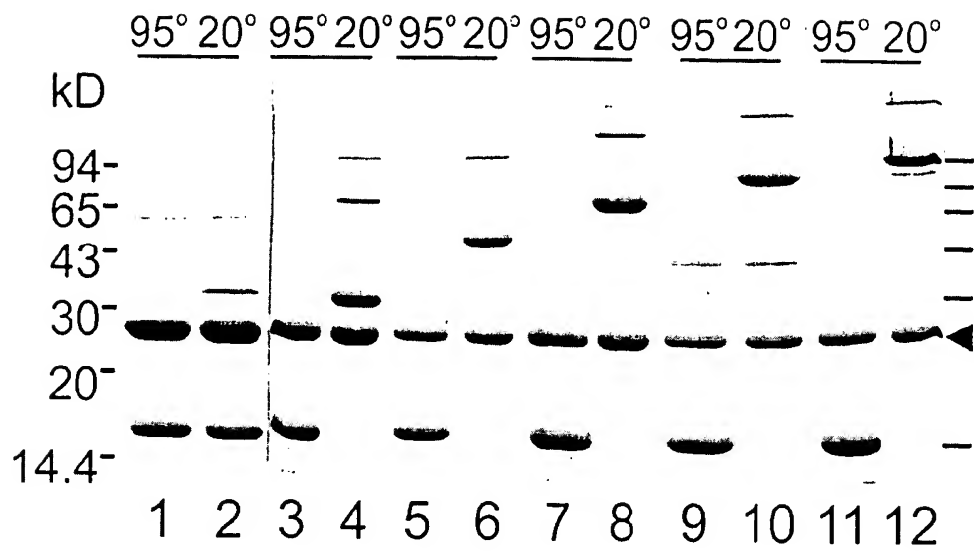


Fig. 4

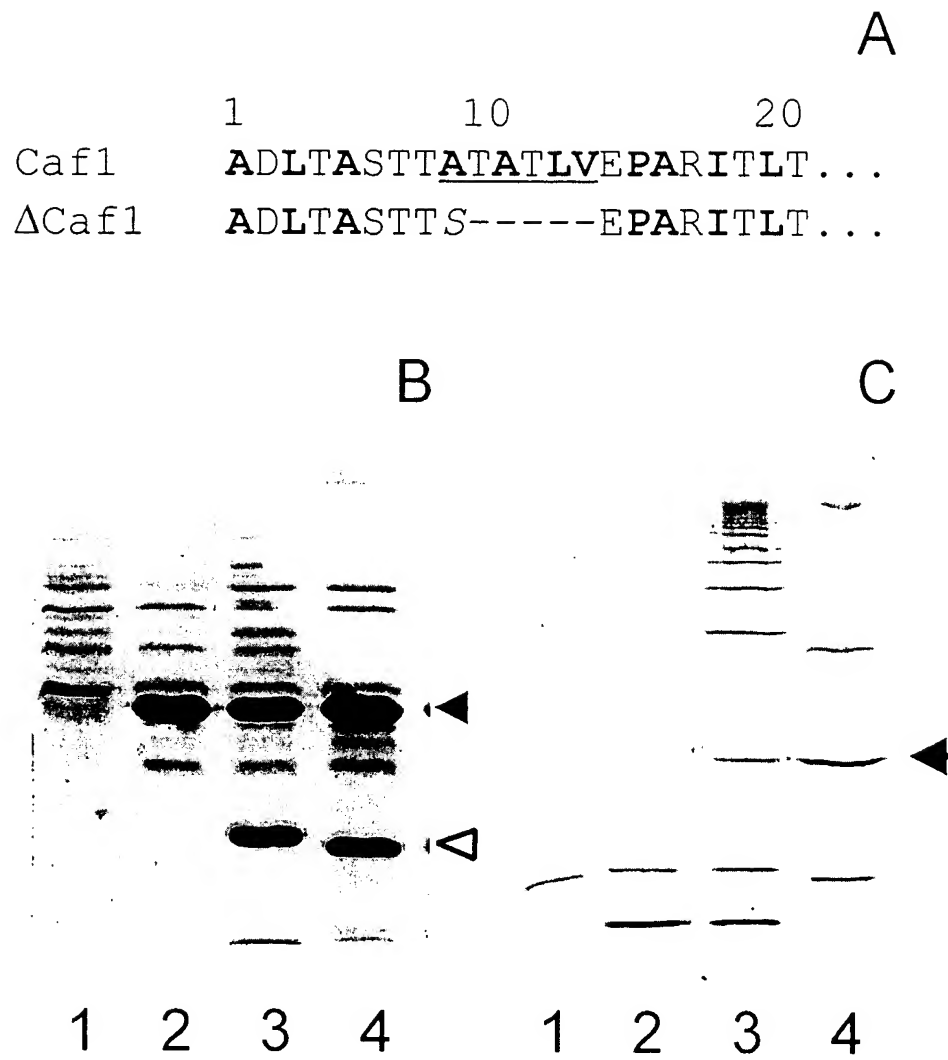


Fig. 5

Deleted variant of CafI	Position of deletion in the N-terminal extention	Polymerization of CafI in periplasm
d1	¹ AD****TTA ⁹	+++
d2	¹ AD*****TAT ¹²	+++
d3	¹ ADLTASTTS*****EPAR ¹⁸	-
d4	¹ ADLTASTTS*****R ¹⁸	-
d5	¹ ADLTASTTATATLVEP**** LTYK ²⁴	+
d6	¹ ADLTASTTATATLVEPARI* ***K ²⁴	+/-

Fig. 6

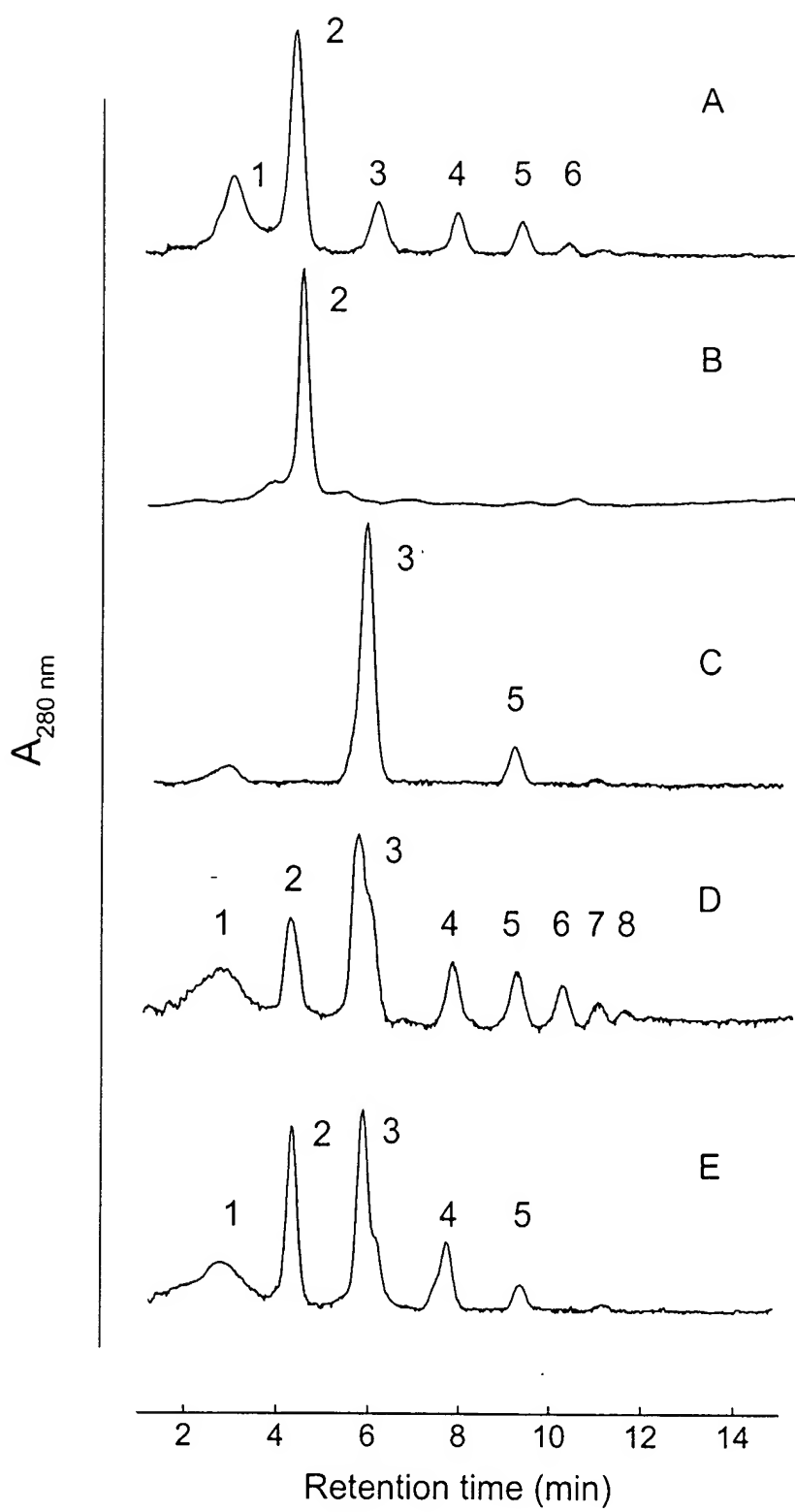


Fig. 7

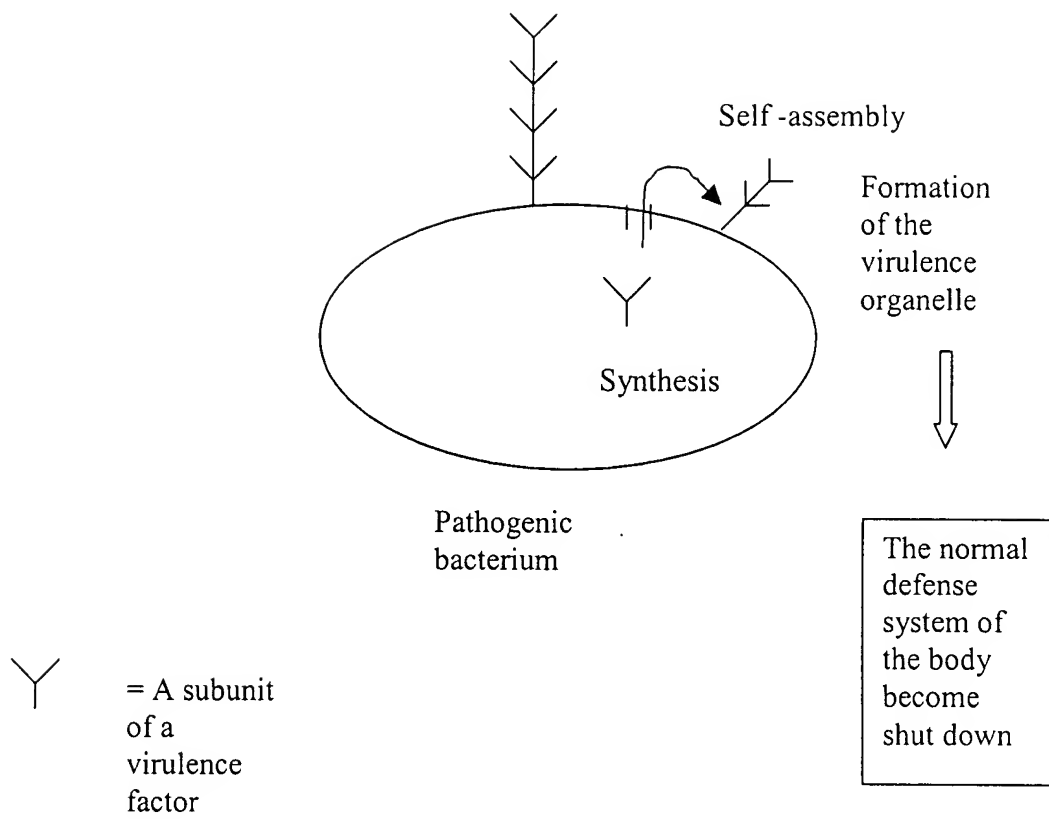
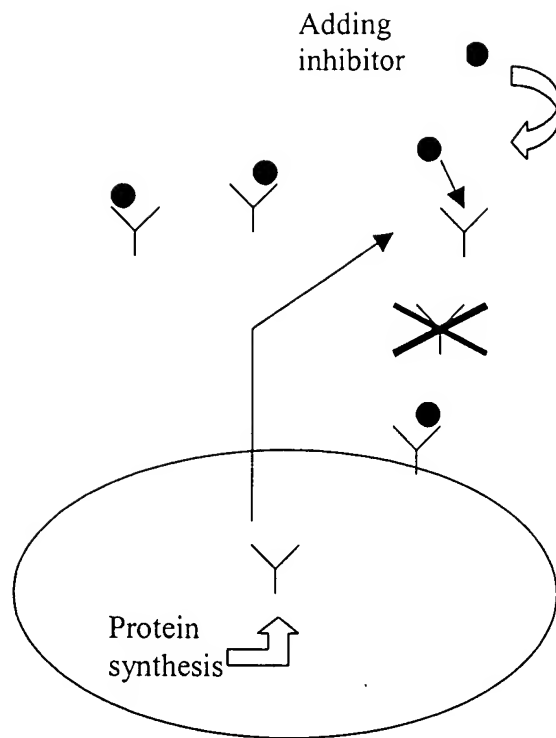


Fig. 8



- 1) Without an inhibitor: → —<—<—<—<—< Virulence
- 2) With an inhibitor: —<—<—<—<—< No virulence

Fig 9.

A a non efficient drug molecule X

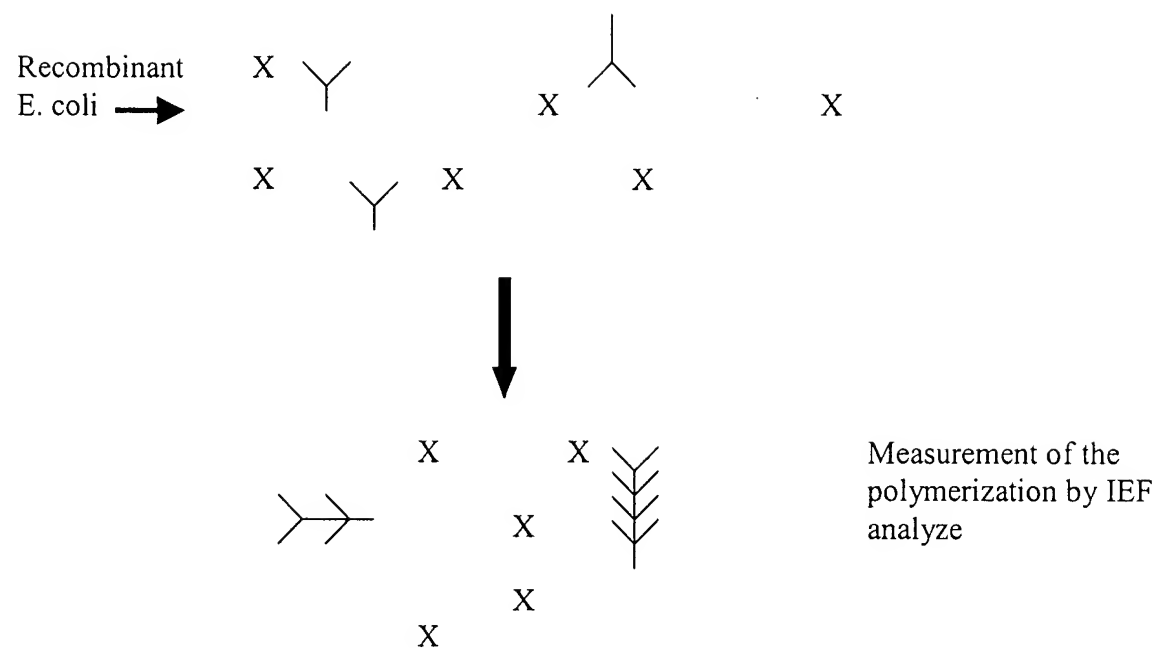


Fig. 10 A

B An efficient drug molecule

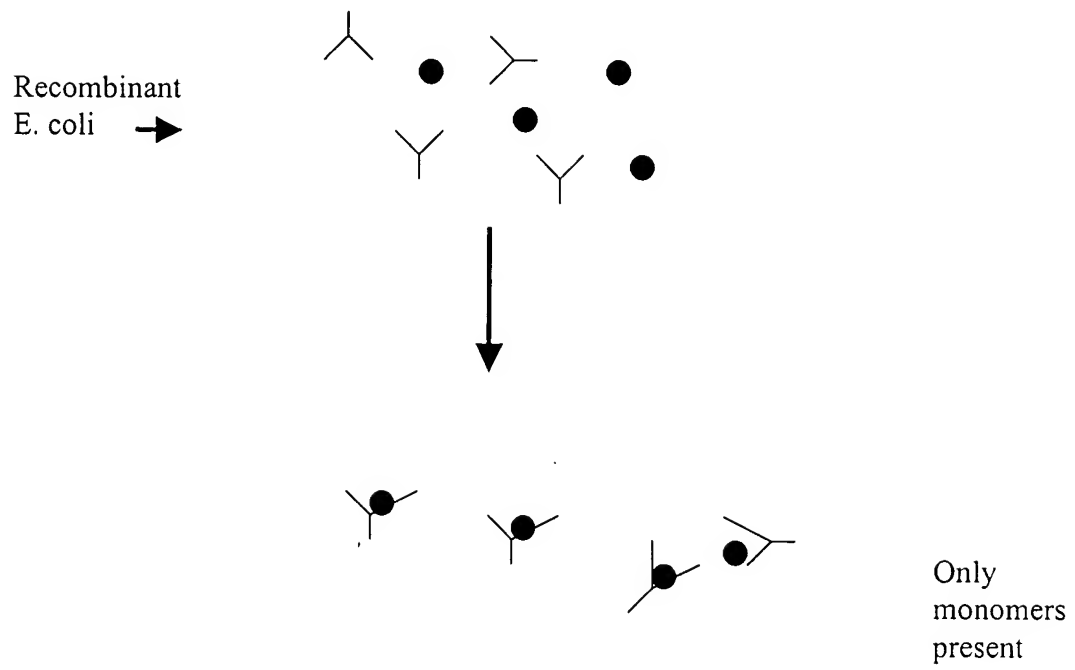


Fig. 10 B

Subunit	Organelle	N-terminal sequence
CafI	F1 capsular antigen	V K K R T T N T T T T T T S S T T T A
MyfA	Myf fibrillae	T T T T T D T K K K E T V V T T T
PsaA	PH6 antigen	A K V E S V Y T T T T V T V N G A T A V
AggA	AAF-I	T T E T T K T T T T T G I P L S T T A
AafA	AAF-III	T S S K T N T T T T T T Q L T T T Q
AfaE-1	AFA-I	T I V I K T A T T T S N T T V E A T A G V
AfaE-2	AFA-II	S D D P A G H G G G G G T K T T L V
AfaE-3	AFA-III	A K K P V S S K S S S S S A T G G N A
DraE	Dr haemagglutinin	T S S R A S D P P G A P A V L L L K K
AfaE-5	AFA-V	L N N E T T V T T T Q Q D T R N G N
DrbE-122		D I I L A F A F F A F F G P I K D G
DrvE-121		A V V A N G G A A T T V G G G V
DaaE	F1845 fimbriae	E P T T A T V A D D A G F
CseA	CS22 fimbriae	
CS-3	CS-3 fimbriae	
NfaE-111	NFA	
Dra2E	Dr-II	
NfaA	NFA-I	
SefA	SEF-14 fimbriae	
CafIM Gi donor sequence		138ICNNIAFQVFVGVD125

Fig. 11.